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Dated: 07-20-2004 Signature: Vickie L. Hoeft  
(Vickie L. Hoeft)

Docket No.: 367618012US1  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Roeseler et al.

Application No.: 10/760,150

Confirmation No.: 7200

Filed: January 16, 2004

Art Unit: 3644

For: METHODS AND APPARATUSES FOR  
LAUNCHING UNMANNED AIRCRAFT,  
INCLUDING METHODS AND  
APPARATUSES FOR LAUNCHING  
AIRCRAFT WITH A WEDGE ACTION

Examiner: Not Yet Assigned

### INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of only those references listed below is attached:

US Doc No.	Patentee	Publication Date
App. No. 10/758,940	Dennis	
App. No. 10/758,943	Dennis et al.	
App. No. 10/758,948	Dennis et al.	
App. No. 10/758,955	McGeer et al.	
App. No. 10/758,956	Dennis et al.	
App. No. 10/759,541	McGeer	
App. No. 10/759,545	Dennis et al.	
App. No. 10/759,742	Dennis	
App. No. 10/808,725	McGeer et al.	
App. No. 10/813,906	Roeseler	

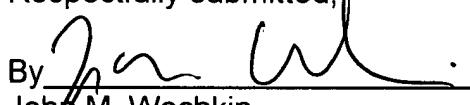
For. Doc No.	Ctry	Patentee/Applicant	Publication Date
DE 4301671 A1	DE	STN Systemtechnik Nord GmbH	July 29, 1993
WO 00/75014 A1	WO	McGeer, et al.	December 14, 2000
GB 2 080 216 A	GB	Elliott Brothers London Ltd.	February 3, 1982
WO 01/07318 A1	WO	Advanced Aerospace Technologies, Inc.	February 1, 2001
GB 2 219 777 A	GB	GEC-Marconi Limited	December 20, 1989

Other Documents
ROBINSON, Russell Norman, "Dynamic Analysis of a Carousel Remotely Piloted Vehicle Recovery System," master's thesis, Naval Post-Graduate School, Monterey, California, December 1977, Thesis No. ADA052401.
DICKARD, H. E. "Mini-RPV Recovery System Conceptual Study," final report, U. S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Virginia, August 1977, Contract DAAJ02-76-C-0048, Report No. USAAMRDL-TR-77-24.
WHITMORE, Stephen A. et al., "Development of a Closed-Loop Strap Down Attitude System for an Ultrahigh Altitude Flight Experiment," technical memorandum, NASA Dryden Flight Research Center, Edwards, California, January 1997, Report No. NASA TM-4775.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 367618012US1.

Dated: 07-20-2004

Respectfully submitted,

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Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	367618012US1
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### Complete if Known

Application Number	10/760,150-Conf. #7200
Filing Date	January 16, 2004
First Named Inventor	Roeseler et al.
Art Unit	3644
Examiner Name	Not Yet Assigned

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-App. No. 10/758,940		Dennis	
		US-App. No. 10/758,943		Dennis et al.	
		US-App. No. 10/758,948		Dennis et al.	
		US-App. No. 10/758,955		McGeer et al.	
		US-App. No. 10/758,956		Dennis et al.	
		US-App. No. 10/759,541		McGeer	
		US-App. No. 10/759,545		Dennis et al.	
		US-App. No. 10/759,742		Dennis	
		US-App. No. 10/808,725		McGeer et al.	
		US-App. No. 10/813,906		Roeseler	
		2003-0222173	12-04-2003	McGeer et al.	
		US-968,339	08/1910	Geraldson	
		US-1,144,505	06/1915	Steffan	
		US-1,383,595	07/1921	Black	
		US-1,634,964	07/1927	Steinmetz	
		US-1,716,670	06-11-1929	Sperry	
		US-1,731,091	10/1929	Belleville	
		US-1,748,663	02/1930	Tucker	
		US-1,836,010	12/1931	Audrain	
		US-1,925,212	09/1933	Steiber	
		US-2,435,197	02-03-1948	Brodie	
		US-2,448,209	08/1948	Boyer et al.	
		US-3,468,500	09-23-1969	Carlsson	

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/760,150-Conf. #7200
				Filing Date	January 16, 2004
				First Named Inventor	Roeseler et al.
				Art Unit	3644
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	367618012US1

	US-4,566,658	01-28-1986	Di Giovannantonio et al.	
	US-4,753,400	06-28-1988	Reuter et al.	
	US-5,054,717	10-08-1991	Taylor	
	US-6,264,140	07-24-2001	McGeer et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		DE 4301671 A1	07-29-1993	STN Systemtechnik Nord GmbH		
		WO 00/75014 A1	12-14-2000	McGeer, et al.		
		GB 2 080 216 A	02-03-1982	Elliott Brothers London Ltd.		
		WO 01/07318 A1	02-01-2001	Advanced Aerospace Technologies, Inc.		
		GB 2 219 777 A	12-20-1989	GEC-Marconi Limited		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
		ROBINSON, Russell Norman, "Dynamic Analysis of a Carousel Remotely Piloted Vehicle Recovery System," master's thesis, Naval Post-Graduate School, Monterey, California, December 1977, Thesis No. ADA052401.				
		DICKARD, H. E. "Mini-RPV Recovery System Conceptual Study," final report, U. S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Virginia, August 1977, Contract DAAJ02-76-C-0048, Report No. USAAMRDL-TR-77-24.				
		WHITMORE, Stephen A. et al., "Development of a Closed-Loop Strap Down Attitude System for an Ultrahigh Altitude Flight Experiment," technical memorandum, NASA Dryden Flight Research Center, Edwards, California, January 1997, Report No. NASA TM-4775.				

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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